

For Research Use Only

CD74 Recombinant antibody, PBS Only

Catalog Number: 86023-5-PBS



Basic Information

Catalog Number:	86023-5-PBS	GenBank Accession Number:	NM_001025159.3	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenelD (NCBI):	972	CloneNo.:	250520B12
Source:	Rabbit	UNIPROT ID:	P04233-2		
Isotype:	IgG	Full Name:	CD74 molecule, major histocompatibility complex, class II invariant chain		
Immunogen Catalog Number:	EG1945	Calculated MW:	26 kDa		
		Observed MW:	37 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

CD74, also known as MHC class II invariant chain Ii or HLA-DR-associated invariant chain, is a non-polymorphic type II transmembrane glycoprotein. CD74 is mainly distributed in B cells, monocytes, Langerhans cells, dendritic cells and thymic epithelial cells, and is also expressed in epithelial cells. CD74 plays a key role in MHC class II antigen processing and also serves as a cell surface receptor for the macrophage cytokine MIF. CD74 plays an important role in cardiovascular diseases such as atherosclerosis, ischemic heart disease, and myocardial hypertrophy.(PMID: 15475450; PMID: 27752708; PMID: 38992165; PMID: 36712241).

Storage

Storage:

Store at -80°C.

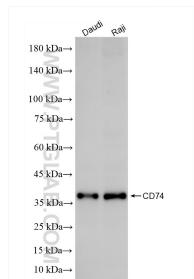
Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86023-5-RR (CD74 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86023-5-PBS in a different storage buffer formulation.